

SANI-TANK® N

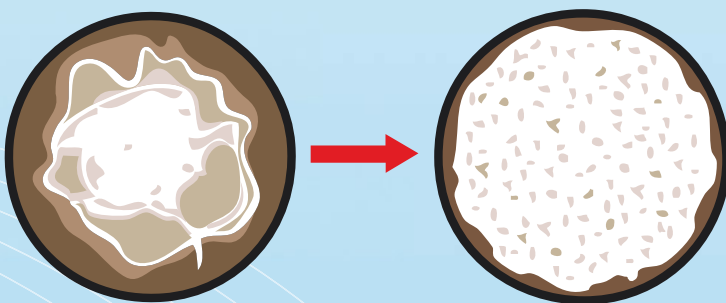
Lavatory Soak for Organic and Scale Buildup

Sani-Tank N is specially formulated for both vacuum and recirculating toilets as well as general hard surface cleaning. The multiple uses of Sani-Tank N include:

- Solubilizing and removing urine salt and mineral scale deposits in vacuum and recirculating toilets
- Removing light organic tar buildup in vacuum and recirculating toilets
- Hard surface cleaning to remove tannins, soap scum and other general soils

In **vacuum toilets**, Sani-Tank N helps emulsify and remove urine salt and mineral scale from vacuum toilet waste lines and tanks that has been softened by routine treatment with Gly-Vak®. It is designed for more heavily scaled lines and on-wing treatment.

Celeste's standard Gly-Vak is designed as a routine maintenance cleaner for vacuum toilet lines and is recommended for new or lightly scaled vacuum toilet lines to prevent the accumulation of harmful scale deposits.



Gly-Vak softens scale

- Softened gels plus hard chunks
- Soft mass prone to clogging

Sani-Tank N emulsifies scale

- Softened scale emulsified into smaller pieces
- Readies the scale for flushing



Test References

AMS 1550B

Celeste PN: SP-800N series

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SANI-TANK® N · FAQs

Q: *Can Sani-Tank N be used with crushed ice?*

A: Yes. On moderately scaled waste lines, field tests have shown that using crushed ice during the second step of the 2-step process can speed up removal of emulsified scale.

Q: *Can I just use Sani-Tank N to remove scale?*

A: No. Sani-Tank N will emulsify and remove the scale after it has been softened by Gly-Vak, but it is not a scale softener. In addition, it is not thickened (to cling to the walls of the pipes) and does not foam.

Q: *Is it OK to leave Sani-Tank N in the aircraft while it's flying?*

A: Yes, because it will continue to clean organics and scale while in the tank.

Q: *What happens if I spill Sani-Tank N in my aircraft?*

A: Wipe up with towels and clean with fresh water.

Q: *Can I use Gly-Vak® with Sani-Tank® N if I have heavily scaled vacuum lines?*

A: For most severe cases of scale build-up (greater than 6mm/¼ inch), it is advisable to perform a remediation cycle prior to embarking on a preventive maintenance program. In cases of heavy scale buildup, Sani-Vak G3, a non-hazardous and non-corrosive descaler, can be used as a remediation chemical and applied via a recirculating system using Celeste's Remediation Tool which functions on negative pressure. For more information on the Remediation Process, contact your Account Manager.

For the most severe cases of scale build-up (greater than 6mm/¼ inch), the preferred course of action is to perform a remediation cycle using Celeste's Remediation Tool and Sani-Vak G3. The Remediation Tool is designed to circulate the cleaning fluid, Sani-Vak G3, at a controlled temperature and negative pressure throughout the waste lines, helping to soften, dislodge, and remove the accumulated urine scale from the pipe walls without the need to dismantle toilets or waste lines.

In **recirculating toilets**, Sani-Tank N is an excellent heavy-duty cleaner formulated to maintain the cleanliness of the toilet bowl, flapper valve, shroud area, and waste holding tanks in the lavatory. It will remove scale build up due to minerals and urine salts, as well as light to moderate tar buildup, which can have a negative impact on toilet function. Regularly scheduled use reduces toilet system malodor and contributes to extended component life, as well as reducing the buildup of scale and tar. Especially designed to work in concert with Celeste's Sani-Pak 97000M.

Sani-Tank N is non-alkaline, contains no phosphates, and is biodegradable. Use of Sani-Tank N therefore eliminates disposal issues associated with traditional alkaline and phosphate-based cleaners.

As a general hard surface cleaner, Sani-Tank N will remove soap scum, tannins and general soils.

SANI-TANK® N · Recommended Usage**VACUUM TOILETS**

AIRCRAFT	2-Step process for scaled lavatories (up to 6mm / ¼ inch buildup)
NARROW-BODIED	<p>Step 1: Dose each lav with 8 oz Gly-Vak every 1-7 days. Use a brush to remove any stains or scale in the toilet bowl. Flush each lav once and leave overnight or as long as possible. Safe to leave in aircraft until next passenger use.</p> <p>Step 2: Once a week, flush 1 quart (1 liter) of Sani-Tank N through each lav. Continue this 2-step procedure each week for 1-2 months or until lines are clear.</p>
WIDE-BODIED	<p>Step 1: Dose each lav with 8 oz Gly-Vak every 1-3 days. Use a brush to remove any stains or scale in the toilet bowl. Flush each lav once and leave overnight or as long as possible. Safe to leave in aircraft until next passenger use.</p> <p>Step 2: Once a week, flush 1 quart (1 liter) of Sani-Tank N through each lav.**</p> <p>Continue this 2-step procedure each week for 1-2 months or until lines are clear.</p> <p>** 767-400: use ½ gallon (2 liters) through aft lavs.</p>

RECIRCULATING TOILETS

APPLICATION	PROCESS
ON-WING TOILET AND TANK CLEANING	<ul style="list-style-type: none"> ▪ Pour Sani-Tank N into recirculating toilet using enough solution to fill to the bottom of the flapper valve. ▪ Flush toilet to circulate cleaner through bowl and pump. ▪ Allow toilet to soak for 8 hours then empty tank and rinse clean.
OFF-WING COMPONENT SOAKING	<ul style="list-style-type: none"> ▪ Fill large tank / vessel with Sani-Tank N solution. ▪ Put parts to be cleaned (flappers, tanks, bellows, pump screens, etc) into tank. ▪ After 4 – 8 hours of soaking, rinse with water.
GENERAL CLEANING	<ul style="list-style-type: none"> ▪ Apply Sani-Tank N to soiled surface with rag, then wipe. ▪ To obtain best results for heavily soiled surfaces, apply and allow it to penetrate for several minutes, then wipe or scrub surface. ▪ No rinsing required.

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